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DES DIVISION OF EMPLOYMENT SECURITY

Employment Review

JANUARY 1988

Job Decline Linked to Seasonal Trends

The number of nonagricultural wage and salary jobs statewide declined moderately in January 1988, displaying an expected seasonal trend. With a 76,100 job decline since December 1987, the Commonwealth's current employment level stands at 3,025,800.

- With the close of the holiday buying season, the trade sector took the largest cut in employment over the month with a 29,000 job decline. Similarly, seasonal factors caused the construction sector to lose 9,700 jobs over the month.

- In the manufacturing sector, job losses numbered 5,400 with most industries in the durable and nondurable goods producing sectors showing steady or declining employment. Led by a seasonal decline of 17,000 workers in the private educational services sector, services experienced a decrease of 21,100 in January 1988.

- Employment opportunities in the finance, insurance, and real estate sector improved slightly over the month, with 1,700 newly created jobs.

Annual job growth continues to be driven by service sector expansion while the manufacturing sector shows moderate declines.

- Within the services sector, up 34,100 jobs over the year, the other services category continues to provide the primary fuel for new job growth. Representing a diverse mixture of industries ranging from architectural firms to amusement parks, this category showed net annual job growth of 25,500.

- Job gains in the finance, insurance, and real estate sector also have contributed to the state's annual employment expansion. Since January 1987, the number of jobs in this sector has increased by 13,700.

- The number of positions in the wholesale and retail sector increased by 8,000 or 1.1 percent over the year, somewhat lower than the 2.3 percent growth rate between January 1986 and January 1987.

- Employment in the manufacturing sector is down 15,500 since January 1987. Nearly 80 percent of this decline occurred in the durable goods industries which lost 12,400 jobs. While the nondurable goods producing industries also displayed annual declines, the printing and publishing industries show a small yearly growth, offering some contrast to the employment condition of the other manufacturing industries.

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NONAGRICULTURAL WAGE & SALARY EMPLOYMENT

MASSACHUSETTS

INDUSTRY	EMPLOYMENT			CHANGE			
				PRIOR MO.		YEAR AGO	
	JAN 1988	DEC 1987	JAN 1987	#	%	#	%
NONAGRICULTURAL EMPLOYMENT	3025.8	3101.9	2959.1	-76.1	-2.5	66.7	2.3
Manufacturing	587.1	592.5	602.6	-5.4	-0.9	-15.5	-2.6
Durable Goods	389.5	392.2	401.9	-2.7	-0.7	-12.4	-3.1
Lumber & Furniture	13.5	13.8	13.2	-0.3	-2.2	0.3	2.3
Stone,Clay & Glass	10.3	10.7	10.3	-0.4	-3.7	0.0	****
Primary Metals	15.3	15.4	15.7	-0.1	-0.6	-0.4	-2.5
Fabricated Metals	40.8	41.0	42.2	-0.2	-0.5	-1.4	-3.3
Cutlery,Hand tools,Hardware	8.6	8.7	9.5	-0.1	-1.1	-0.9	-9.5
Machinery, except electrical	102.8	102.5	104.0	0.3	0.3	-1.2	-1.2
Metalworking machinery	12.9	13.0	13.2	-0.1	-0.8	-0.3	-2.3
Special industry machinery	11.1	11.1	11.9	0.0	****	-0.8	-6.7
* Office Computing, & Accounting Machines	57.6	57.5	56.0	0.1	0.2	1.6	2.9
Electrical & Electronic machinery,equip.,etc.	104.4	104.4	106.3	0.0	****	-1.9	-1.8
Communications equipment	40.7	40.7	42.4	0.0	****	-1.7	-4.0
Electronic components	42.7	42.8	40.9	-0.1	-0.2	1.8	4.4
Transportation equipment	31.0	31.5	37.2	-0.5	-1.6	-6.2	-16.7
Instruments	52.7	53.8	54.2	-1.1	-2.0	-1.5	-2.8
Measuring & Control devices	17.6	18.7	19.8	-1.1	-5.9	-2.2	-11.1
Miscellaneous Manufacturing Industries	18.7	19.1	18.8	-0.4	-2.1	-0.1	-0.5
Jewelry	7.2	7.3	7.2	-0.1	-1.4	0.0	****
Nondurable Goods	197.6	200.3	200.7	-2.7	-1.3	-3.1	-1.5
Food & kindred products	20.1	21.4	21.2	-1.3	-6.1	-1.1	-5.2
Textile mill products	16.7	16.8	17.4	-0.1	-0.6	-0.7	-4.0
Apparel	24.5	25.1	25.5	-0.6	-2.4	-1.0	-3.9
Mens & Boys suits,coats & furnishings	6.6	6.7	6.7	-0.1	-1.5	-0.1	-1.5
Paper & allied products	24.4	24.4	24.5	0.0	****	-0.1	-0.4
Printing & Publishing	56.1	56.1	55.1	0.0	****	1.0	1.8
Chemicals	17.0	17.0	17.4	0.0	****	-0.4	-2.3
Rubber & miscellaneous Plastic products	28.6	29.0	29.6	-0.4	-1.4	-1.0	-3.4
Miscellaneous Plastic products	21.8	22.3	22.3	-0.5	-2.2	-0.5	-2.2
Leather & Leather products	8.7	8.9	8.9	-0.2	-2.2	-0.2	-2.2
Footwear, except rubber	4.2	4.3	4.5	-0.1	-2.3	-0.3	-6.7
Mining	1.7	1.9	1.5	-0.2	-10.5	0.2	13.3
Construction	132.4	142.1	119.3	-9.7	-6.8	13.1	11.0
Transportation, Communication & Public Utilities	128.6	131.9	125.8	-3.3	-2.5	2.8	2.2
Wholesale & Retail trade	711.5	740.5	703.5	-29.0	-3.9	8.0	1.1
Wholesale Trade	171.3	171.3	166.0	0.0	****	5.3	3.2
Retail Trade	540.2	569.2	537.5	-29.0	-5.1	2.7	0.5
Finance, Insurance & Real Estate	222.5	220.8	208.8	1.7	0.8	13.7	6.6
Banking	65.3	64.6	62.7	0.7	1.1	2.6	4.1
Services	843.6	864.7	809.5	-21.1	-2.4	34.1	4.2
Health Services	247.1	246.8	241.1	0.3	0.1	6.0	2.5
Educational Services	105.4	122.4	102.8	-17.0	-13.9	2.6	2.5
Government	398.4	407.5	388.1	-9.1	-2.2	10.3	2.7
Federal	62.1	62.1	59.5	0.0	****	2.6	4.4
U.S. Postal Service	27.0	26.9	25.2	0.1	0.4	1.8	7.1
State	98.2	101.5	94.1	-3.3	-3.3	4.1	4.4
Educational services	24.2	28.1	23.2	-3.9	-13.9	1.0	4.3
Local	238.1	243.9	234.5	-5.8	-2.4	3.6	1.5
Educational services	135.9	138.0	133.7	-2.1	-1.5	2.2	1.6
Other Local	102.2	105.9	100.8	-3.7	-3.5	1.4	1.4
* High Technology Manufacturing	239.2	240.1	241.4	-0.9	-0.4	-2.2	-0.9
* High Technology Nonmanufacturing	87.5	87.3	81.9	0.2	0.2	5.6	6.8

NOTE: By place of work, not comparable to labor force employment statistics
* - Not currently validated by the U.S. Bureau of Labor Statistics

NONAGRICULTURAL WAGE & SALARY EMPLOYMENT

BOSTON PMSA

INDUSTRY	EMPLOYMENT			CHANGE			
				PRIOR MO.		YEAR AGO	
	JAN 1988	DEC 1987	JAN 1987	#	%	#	%
NONAGRICULTURAL EMPLOYMENT	1712.0	1751.6	1673.3	-39.6	-2.3	38.7	2.3
Manufacturing	276.3	278.3	282.8	-2.0	-0.7	-6.5	-2.3
Durable Goods	196.3	197.9	202.4	-1.6	-0.8	-6.1	-3.0
Primary Metals	3.5	3.4	3.2	0.1	2.9	0.3	9.4
Fabricated Metals	15.8	16.0	16.6	-0.2	-1.3	-0.8	-4.8
Machinery, except electrical	48.1	48.2	49.1	-0.1	-0.2	-1.0	-2.0
Electrical & Electronic machinery,equip.,etc.	59.9	59.8	58.2	0.1	0.2	1.7	2.9
Transportation equipment	18.8	19.4	24.5	-0.6	-3.1	-5.7	-23.3
Instruments	39.0	39.6	39.7	-0.6	-1.5	-0.7	-1.8
Nondurable Goods	80.0	80.4	80.4	-0.4	-0.5	-0.4	-0.5
Food & kindred products	11.6	11.5	11.4	0.1	0.9	0.2	1.8
Textile mill products	2.5	2.5	2.4	0.0	****	0.1	4.2
Apparel	6.2	6.3	6.6	-0.1	-1.6	-0.4	-6.1
Paper & allied products	6.7	6.9	7.2	-0.2	-2.9	-0.5	-6.9
Printing & Publishing	33.3	33.4	33.3	-0.1	-0.3	0.0	****
Chemicals	8.1	8.2	8.0	-0.1	-1.2	0.1	1.3
Rubber & miscellaneous Plastic products	8.5	8.5	8.5	0.0	****	0.0	****
Leather & Leather products	2.4	2.4	2.4	0.0	****	0.0	****
Mining	0.9	1.0	0.7	-0.1	-10.0	0.2	28.6
Construction	66.8	71.7	61.3	-4.9	-6.8	5.5	9.0
Transportation, Communication & Public Utilities	75.0	76.1	74.3	-1.1	-1.4	0.7	0.9
Wholesale & Retail trade	385.6	400.6	383.4	-15.0	-3.7	2.2	0.6
Finance, Insurance & Real Estate	152.8	152.4	144.3	0.4	0.3	8.5	5.9
Banking	44.0	43.5	40.8	0.5	1.1	3.2	7.8
Insurance	36.2	36.3	37.0	-0.1	-0.3	-0.8	-2.2
Services	548.0	563.9	529.1	-15.9	-2.8	18.9	3.6
Health Services	140.4	139.8	137.7	0.6	0.4	2.7	2.0
Educational Services	76.8	92.3	77.6	-15.5	-16.8	-0.8	-1.0
Government	206.6	207.6	197.4	-1.0	-0.5	9.2	4.7
Federal	38.3	38.4	36.8	-0.1	-0.3	1.5	4.1
U.S. Postal Service	15.1	15.1	14.0	0.0	****	1.1	7.9
Federal Hospitals	4.9	4.8	4.9	0.1	2.1	0.0	****
State	49.7	49.1	47.8	0.6	1.2	1.9	4.0
State Hospitals	4.9	4.9	4.8	0.0	****	0.1	2.1
Educational services	8.5	8.7	8.3	-0.2	-2.3	0.2	2.4
Local	118.6	120.1	112.8	-1.5	-1.2	5.8	5.1

NOTE: By place of work, not comparable to labor force employment statistics

NONAGRICULTURAL WAGE & SALARY EMPLOYMENT

INDUSTRY	EMPLOYMENT			CHANGE			
				PRIOR MO.		YEAR AGO	
	JAN 1988	DEC 1987	JAN 1987	#	%	#	%
SPRINGFIELD MSA							
NONAGRICULTURAL EMPLOYMENT	238.4	244.0	230.6	-5.6	-2.3	7.8	3.4
Manufacturing	51.2	51.5	50.6	-0.3	-0.6	0.6	1.2
Durable Goods	26.4	26.3	25.5	0.1	0.4	0.9	3.5
Fabricated Metals	7.1	7.0	6.9	0.1	1.4	0.2	2.9
Machinery, except electrical	6.5	6.5	6.1	0.0	****	0.4	6.6
Nondurable Goods	24.8	25.2	25.1	-0.4	-1.6	-0.3	-1.2
Textile mill products	1.5	1.5	1.7	0.0	****	-0.2	-11.8
Apparel	0.9	1.0	1.0	-0.1	-10.0	-0.1	-10.0
Paper & allied products	8.0	7.8	7.7	0.2	2.6	0.3	3.9
Printing & Publishing	6.2	6.3	6.4	-0.1	-1.6	-0.2	-3.1
Mining	0.1	0.1	0.1	0.0	****	0.0	****
Construction	9.0	10.0	8.3	-1.0	-10.0	0.7	8.4
Transportation, Communication & Public Utilities	9.8	9.7	9.6	0.1	1.0	0.2	2.1
Wholesale & Retail trade	56.5	58.8	54.4	-2.3	-3.9	2.1	3.9
Finance, Insurance & Real Estate	16.4	16.3	15.6	0.1	0.6	0.8	5.1
Services	57.1	58.4	54.4	-1.3	-2.2	2.7	5.0
Government	38.3	39.2	37.6	-0.9	-2.3	0.7	1.9
Federal	6.2	6.2	5.9	0.0	****	0.3	5.1
State	8.3	8.6	8.0	-0.3	-3.5	0.3	3.8
Local	23.8	24.4	23.7	-0.6	-2.5	0.1	0.4
WORCESTER MSA							
NONAGRICULTURAL EMPLOYMENT	200.5	206.1	191.8	-5.6	-2.7	8.7	4.5
Manufacturing	46.4	46.9	45.6	-0.5	-1.1	0.8	1.8
Durable Goods	31.0	31.3	30.5	-0.3	-1.0	0.5	1.6
Primary Metals	2.2	2.1	2.1	0.1	4.8	0.1	4.8
Fabricated Metals	6.9	6.9	6.8	0.0	****	0.1	1.5
Machinery, except electrical	10.2	10.4	10.2	-0.2	-1.9	0.0	****
Nondurable Goods	15.4	15.6	15.1	-0.2	-1.3	0.3	2.0
Textile mill products	2.7	2.8	2.8	-0.1	-3.6	-0.1	-3.6
Leather & Leather products	0.7	0.7	0.7	0.0	****	0.0	****
Mining	0.1	0.1	0.1	0.0	****	0.0	****
Construction	8.9	9.7	8.3	-0.8	-8.2	0.6	7.2
Transportation, Communication & Public Utilities	8.4	8.9	8.1	-0.5	-5.6	0.3	3.7
Wholesale & Retail trade	47.9	49.7	47.1	-1.8	-3.6	0.8	1.7
Finance, Insurance & Real Estate	14.6	14.3	13.1	0.3	2.1	1.5	11.5
Services	49.2	51.1	46.1	-1.9	-3.7	3.1	6.7
Government	25.0	25.4	23.4	-0.4	-1.6	1.6	6.8

NOTE: By place of work, not comparable to labor force employment statistics

NONAGRICULTURAL WAGE & SALARY EMPLOYMENT

INDUSTRY	EMPLOYMENT			CHANGE			
				PRIOR MO.		YEAR AGO	
	JAN 1988	DEC 1987	JAN 1987	#	%	#	%
BROCKTON PMSA							
NONAGRICULTURAL EMPLOYMENT	71.8	73.8	70.3	-2.0	-2.7	1.5	2.1
Manufacturing	11.2	11.5	11.3	-0.3	-2.6	-0.1	-0.9
Durable Goods	6.0	6.2	6.1	-0.2	-3.2	-0.1	-1.6
Electrical & Electronic machinery,equip.,etc.	1.3	1.3	1.3	0.0	****	0.0	****
Nondurable Goods	5.2	5.3	5.2	-0.1	-1.9	0.0	****
Construction	3.5	3.8	3.4	-0.3	-7.9	0.1	2.9
Transportation, Communication & Public Utilities	5.0	5.2	5.1	-0.2	-3.8	-0.1	-2.0
Wholesale & Retail trade	22.4	23.0	21.4	-0.6	-2.6	1.0	4.7
Finance, Insurance & Real Estate	3.1	3.1	3.0	0.0	****	0.1	3.3
Services	14.9	15.3	14.3	-0.4	-2.6	0.6	4.2
Government	11.7	11.9	11.8	-0.2	-1.7	-0.1	-0.8
Federal	3.0	2.9	2.9	0.1	3.4	0.1	3.4
State	2.5	2.6	2.4	-0.1	-3.8	0.1	4.2
Local	6.2	6.4	6.5	-0.2	-3.1	-0.3	-4.6
LAWRENCE - HAVERHILL MASS. - N.H. PMSA							
NONAGRICULTURAL EMPLOYMENT	161.7	163.9	157.2	-2.2	-1.3	4.5	2.9
Manufacturing	50.9	50.9	51.6	0.0	****	-0.7	-1.4
Durable Goods	37.3	37.2	38.1	0.1	0.3	-0.8	-2.1
Nondurable Goods	13.6	13.7	13.5	-0.1	-0.7	0.1	0.7
Leather & Leather products	1.8	1.9	1.7	-0.1	-5.3	0.1	5.9
Construction	7.5	8.3	7.3	-0.8	-9.6	0.2	2.7
Transportation, Communication & Public Utilities	6.6	7.0	6.6	-0.4	-5.7	0.0	****
Wholesale & Retail trade	36.5	37.4	35.3	-0.9	-2.4	1.2	3.4
Finance, Insurance & Real Estate	6.4	6.4	6.0	0.0	****	0.4	6.7
Services	32.9	33.1	30.5	-0.2	-0.6	2.4	7.9
Government	20.9	20.8	19.9	0.1	0.5	1.0	5.0

NOTE: By place of work, not comparable to labor force employment statistics

NONAGRICULTURAL WAGE & SALARY EMPLOYMENT

INDUSTRY	EMPLOYMENT			CHANGE			
				PRIOR MO.		YEAR AGO	
	JAN 1988	DEC 1987	JAN 1987	#	%	#	%
*** PITTSFIELD MSA**							
NONAGRICULTURAL EMPLOYMENT	41.7	42.6	41.0	-0.9	-2.1	0.7	1.7
Mining	0.1	0.1	0.1	0.0	****	0.0	****
Manufacturing	11.3	11.3	12.4	0.0	****	-1.1	-8.9
Machinery	6.5	6.6	7.9	-0.1	-1.5	-1.4	-17.7
All other manufacturing	4.8	4.7	4.5	0.1	2.1	0.3	6.7
Construction	2.1	2.4	1.8	-0.3	-12.5	0.3	16.7
Transportation, Communication & Public Utilities	1.0	1.1	1.0	-0.1	-9.1	0.0	****
Wholesale & Retail trade	9.8	10.3	9.3	-0.5	-4.9	0.5	5.4
Finance, Insurance & Real Estate	2.1	2.1	2.0	0.0	****	0.1	5.0
Services	10.2	10.2	9.7	0.0	****	0.5	5.2
Government	5.1	5.1	4.7	0.0	****	0.4	8.5
NEW BEDFORD MSA							
NONAGRICULTURAL EMPLOYMENT	67.0	68.2	65.5	-1.2	-1.8	1.5	2.3
Manufacturing	19.3	19.1	19.9	0.2	1.0	-0.6	-3.0
Durable Goods	8.2	8.0	8.5	0.2	2.5	-0.3	-3.5
Primary & Fabricated Metals	2.6	2.6	2.9	0.0	****	-0.3	-10.3
Nondurable Goods	11.1	11.1	11.4	0.0	****	-0.3	-2.6
Apparel	5.8	5.7	5.9	0.1	1.8	-0.1	-1.7
Construction	2.9	3.2	2.7	-0.3	-9.4	0.2	7.4
Transportation, Communication & Public Utilities	2.8	3.0	2.6	-0.2	-6.7	0.2	7.7
Wholesale & Retail trade	16.5	16.9	15.9	-0.4	-2.4	0.6	3.8
Finance, Insurance & Real Estate	2.5	2.5	2.4	0.0	****	0.1	4.2
Services	12.8	13.1	12.2	-0.3	-2.3	0.6	4.9
Government	10.2	10.4	9.8	-0.2	-1.9	0.4	4.1
FALL RIVER MASS. - R.I. PMSA							
NONAGRICULTURAL EMPLOYMENT	55.3	56.7	54.0	-1.4	-2.5	1.3	2.4
Manufacturing	16.9	17.0	17.1	-0.1	-0.6	-0.2	-1.2
Textile mill products	4.4	4.4	4.4	0.0	****	0.0	****
All other manufacturing	12.5	12.6	12.7	-0.1	-0.8	-0.2	-1.6
Construction	2.1	2.4	1.9	-0.3	-12.5	0.2	10.5
Transportation, Communication & Public Utilities	1.8	1.8	1.9	0.0	****	-0.1	-5.3
Wholesale & Retail trade	14.8	15.4	13.6	-0.6	-3.9	1.2	8.8
Finance, Insurance & Real Estate	3.1	3.1	2.9	0.0	****	0.2	6.9
Services	10.2	10.3	9.9	-0.1	-1.0	0.3	3.0
Government	6.4	6.7	6.7	-0.3	-4.5	-0.3	-4.5

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NONAGRICULTURAL WAGE & SALARY EMPLOYMENT

INDUSTRY	EMPLOYMENT			CHANGE			
				PRIOR MO.		YEAR AGO	
	JAN 1988	DEC 1987	JAN 1987	#	%	#	%
FITCHBURG - LEOMINSTER MSA							
NONAGRICULTURAL EMPLOYMENT	39.0	40.5	38.7	-1.5	-3.7	0.3	0.8
Manufacturing	11.5	11.5	12.0	0.0	****	-0.5	-4.2
Durable Goods	4.7	4.7	4.5	0.0	****	0.2	4.4
Machinery, except electrical	3.0	3.0	2.8	0.0	****	0.2	7.1
Nondurable Goods	6.8	6.8	7.5	0.0	****	-0.7	-9.3
Rubber & miscellaneous Plastic products	3.6	3.6	4.0	0.0	****	-0.4	-10.0
Construction	2.2	2.7	2.1	-0.5	-18.5	0.1	4.8
Transportation, Communication & Public Utilities	1.7	1.7	1.5	0.0	****	0.2	13.3
Wholesale & Retail trade	9.7	10.4	9.7	-0.7	-6.7	0.0	****
Finance, Insurance & Real Estate	1.8	1.8	1.7	0.0	****	0.1	5.9
Services	7.8	8.0	7.2	-0.2	-2.5	0.6	8.3
Government	4.3	4.4	4.5	-0.1	-2.3	-0.2	-4.4
LOWELL MASS. - N.H. PMSA							
NONAGRICULTURAL EMPLOYMENT	104.8	107.4	103.0	-2.6	-2.4	1.8	1.7
Mining	0.1	0.2	0.2	-0.1	-50.0	-0.1	-50.0
Manufacturing	36.1	36.2	36.0	-0.1	-0.3	0.1	0.3
Construction	5.0	5.6	4.6	-0.6	-10.7	0.4	8.7
Transportation, Communication & Public Utilities	3.6	3.8	3.4	-0.2	-5.3	0.2	5.9
Wholesale & Retail trade	22.4	23.1	22.4	-0.7	-3.0	0.0	****
Finance, Insurance & Real Estate	4.2	4.3	4.1	-0.1	-2.3	0.1	2.4
Services	19.7	20.5	19.3	-0.8	-3.9	0.4	2.1
Government	13.7	13.7	13.0	0.0	****	0.7	5.4
*** SALEM - GLOUCESTER PMSA**							
NONAGRICULTURAL EMPLOYMENT	110.2	112.7	108.6	-2.5	-2.2	1.6	1.5
Manufacturing	21.8	22.0	22.5	-0.2	-0.9	-0.7	-3.1
Durable Goods	15.1	15.1	15.6	0.0	****	-0.5	-3.2
Nondurable Goods	6.7	6.9	6.9	-0.2	-2.9	-0.2	-2.9
Construction	4.8	5.0	4.4	-0.2	-4.0	0.4	9.1
Transportation, Communication & Public Utilities	3.6	3.7	3.3	-0.1	-2.7	0.3	9.1
Wholesale & Retail trade	32.9	33.8	33.0	-0.9	-2.7	-0.1	-0.3
Finance, Insurance & Real Estate	5.5	5.5	5.1	0.0	****	0.4	7.8
Services	26.0	26.8	25.1	-0.8	-3.0	0.9	3.6
Government	15.5	15.8	15.2	-0.3	-1.9	0.3	2.0

NOTE: By place of work, not comparable to labor force employment statistics
* - Not currently validated by the U.S. Bureau of Labor Statistics

Nonagricultural Wage and Salary Employment

AVERAGE HOURS AND EARNINGS OF PRODUCTION WORKERS BY INDUSTRY

MANUFACTURING

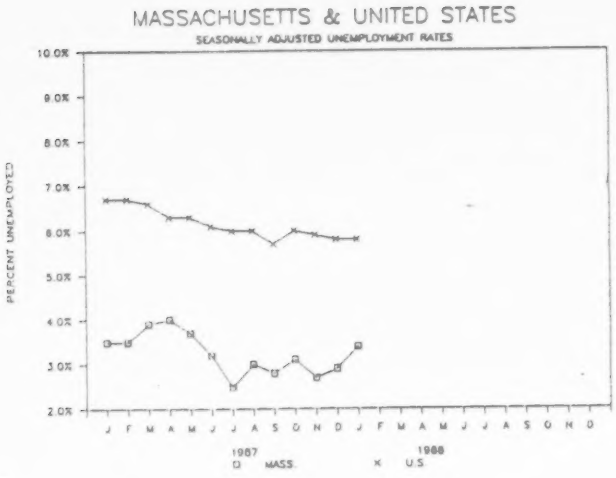
Area	Average Weekly Hours			Average Hourly Earnings		
	JAN 88	DEC 87	JAN 87	JAN 88	DEC 87	JAN 87
UNITED STATES	41.0	41.8	40.8	$10.07	$10.08	$9.84
MASSACHUSETTS	42.0	42.0	40.6	9.98	10.01	9.58
BOSTON	41.6	41.7	40.6	10.80	10.85	10.40
BROCKTON	41.3	42.1	40.1	8.34	8.27	7.90
FALL RIVER	36.8	37.2	36.4	7.50	7.51	7.48
LAWRENCE-HAVERHILL	41.1	41.5	40.9	9.94	9.93	9.86
LOWELL	42.8	43.3	43.4	10.11	10.19	9.91
NEW BEDFORD	37.5	37.2	39.7	8.55	8.60	8.17
SPRINGFIELD	42.7	43.1	42.6	9.37	9.46	9.00
WORCESTER	40.7	40.9	40.1	10.23	10.24	9.55

Nonagricultural Wage and Salary Employment

AVERAGE HOURS AND EARNINGS OF PRODUCTION WORKERS BY INDUSTRY

MASSACHUSETTS

Industry	Average Weekly Hours			Average Hourly Earnings		
	JAN 88	DEC 87	JAN 87	JAN 88	DEC 87	JAN 87
MANUFACTURING	42.0	42.0	40.6	9.98	10.01	9.51
DURABLE GOODS	42.6	42.8	41.2	10.44	10.46	9.97
LUMBER & FURNITURE	39.1	40.8	40.2	7.85	7.85	6.99
STONE, CLAY & GLASS	38.4	40.8	38.3	11.94	12.28	11.33
PRIMARY METALS	43.0	44.1	42.5	9.65	9.56	9.02
FABRICATED METALS	43.0	42.8	39.8	10.61	10.38	9.83
CUTLERY, ETC.	43.8	46.2	41.6	10.94	11.07	10.88
MACHINERY, EX. ELEC.	42.8	43.1	42.6	10.80	10.72	10.50
METALWORKING MACH.	44.9	45.3	42.5	11.06	11.11	10.69
SPECIAL INDU. MACH.	44.3	44.1	45.0	12.06	12.02	11.87
ELEC. & ELECTRON. MACH.	43.0	43.1	42.6	10.06	10.14	9.65
COMMUNICATIONS EQUIP.	43.5	42.7	45.4	10.57	10.23	11.01
ELECTRONIC COMP.	43.2	43.6	43.8	10.01	10.20	9.55
TRANSPORTATION EQUIP.	43.8	44.6	40.3	12.47	12.56	11.70
INSTRUMENTS	42.7	41.7	39.0	10.61	10.71	10.55
MEAS. & CONTROL DEVICES	43.0	45.5	41.2	8.70	8.42	8.35
MISC. MANUFAC. IND.	41.4	42.7	40.7	8.97	9.23	8.41
JEWELRY	40.9	41.8	40.6	7.72	7.58	7.12
NONDURABLE GOODS	41.0	40.9	39.5	9.11	9.30	8.72
FOOD & KINDRED PROD.	41.7	42.1	41.2	9.64	9.66	9.24
TEXTILE MILL PROD.	40.6	41.2	41.2	8.41	8.46	8.17
APPAREL	41.3	40.7	38.6	6.41	6.43	6.38
MENS & BOYS SUITS	39.2	39.3	40.9	7.20	7.09	7.14
PAPER & ALLIED PRODUCTS	45.3	45.5	43.1	10.04	10.04	9.27
PRINTING & PUBLISHING	32.9	37.2	36.6	10.72	10.16	9.63
CHEMICALS	41.5	43.1	40.6	11.86	11.74	11.21
RUBBER & PLASTIC PROD.	41.6	42.1	40.9	9.37	9.53	8.40
MISC. PLAS. PROD.	41.4	41.4	39.7	9.17	9.29	7.97
LEATHER & LEATHER PROD.	36.4	36.0	35.7	7.59	7.64	7.19
FOOTWEAR, EX. RUBBER	37.1	35.2	32.8	6.79	6.70	6.37



(continued from page 1)

- In the public sector, annual job growth remains steady. Between January 1987 and January 1988, government jobs grew by 10,300 or 2.7 percent. Each of the major government sectors, federal, state, and local, showed yearly expansions.

1987 Benchmark In Effect

This issue of Employment Review begins the use of newly benchmarked employment estimates. This revised labor market information is available for the state and its eleven major labor market areas. The annual benchmarking procedure attempts to correct estimates that may have deviated because of sample variability and changes due to industry code revisions, site relocation, and newly established or closing companies. Once the benckmark is set, the monthly employment levels are re-estimated.

To receive a copy of the newly revised 1986 and 1987 Employment Statistics, please write to:

Commonwealth of Massachusetts
Division of Employment Security
Economic Research & Analysis Dept.
2nd Floor C.F. Hurley Bldg.
Boston, Ma 02114

Publication Targets 90 Jobs for the 90's

The Division of Employment Security's Economic Research and Analysis Service has recently published an occupational and wage guide entitled 90 Jobs for the 90's. As suggested by the title of this publication, this handbook describes a range of occupations projected to grow in the next decade, and the skills, training requirements, and wages associated with each of those 90 occupations. To receive a copy of this publication, requests should be sent to:

Commonwealth of Massachusetts
Division of Employment Security
Communications Department
3rd Floor C.F. Hurley Bldg.
Boston, Ma 02114

January's Unemployment Rate Rises Slightly

The Commonwealth's seasonally adjusted unemployment rate rose to 3.4 percent in January 1988 from December's level of 2.9 percent. The state's level of unemployment continues to be the lowest among the 11 major industrial states. The national unemployment rate for January 1988 held steady at 5.8 percent.

Beginning with January 1988, the city and town unemployment rate estimates are calculated based on a new methodology. These numbers are not comparable with previously published city and town data.

UNEMPLOYMENT RATES
UNITED STATES AND MASSACHUSETTS
SEASONALLY ADJUSTED

(In Thousands)

	Jan. 88	Dec. 87	Jan. 87
United States	5.8	5.8	6.7
Massachusetts	3.4	2.9	3.6
Labor Force	3,142.0	3,088.0	3,064.0
Employed	3,036.0	2,998.0	2,954.0
Unemployed	106.0	90.0	110.0

LABOR FORCE, EMPLOYMENT AND UNEMPLOYMENT
UNITED STATES, MASSACHUSETTS AND THE LABOR AREA
NOT SEASONALLY ADJUSTED

(In Thousands)

AREA	JANUARY 1988	DECEMBER 1987	JANUARY 1987
UNITED STATES			
LABOR FORCE	119,742,000	120,205,000	117,704,000
EMPLOYMENT	112,139,000	113,679,000	109,084,000
UNEMPLOYMENT	7,603,000	6,526,000	8,620,000
PERCENT UNEMPLOYED	6.3	5.4	7.3
MASSACHUSETTS			
LABOR FORCE	3,106,700	3,087,400	3,029,100
EMPLOYMENT	2,989,000	3,005,600	2,905,400
UNEMPLOYMENT	117,700	81,800	123,700
PERCENT UNEMPLOYED	3.8	2.6	4.1
MAJOR LABOR AREAS			
BOSTON PMSA			
LABOR FORCE	1,540,930	1,539,670	1,506,720
EMPLOYMENT	1,493,010	1,504,260	1,456,730
UNEMPLOYMENT	47,920	35,410	49,990
PERCENT UNEMPLOYED	3.1	2.3	3.3
BROCKTON PMSA			
LABOR FORCE	97,270	96,890	95,130
EMPLOYMENT	93,150	94,170	90,840
UNEMPLOYMENT	4,120	2,720	4,290
PERCENT UNEMPLOYED	4.2	2.8	4.5
FALL RIVER PMSA			
LABOR FORCE	77,040	75,810	76,390
EMPLOYMENT	71,600	72,470	70,520
UNEMPLOYMENT	5,440	3,350	5,870
PERCENT UNEMPLOYED	7.1	4.4	7.7
FITCHBURG-LEOMINSTER MSA			
LABOR FORCE	45,430	45,230	45,800
EMPLOYMENT	43,310	43,780	43,310
UNEMPLOYMENT	2,120	1,440	2,490
PERCENT UNEMPLOYED	4.7	3.2	5.4
LAWRENCE-HAVERHILL PMSA			
LABOR FORCE	186,540	182,790	178,760
EMPLOYMENT	177,630	176,330	170,430
UNEMPLOYMENT	8,910	6,460	8,330
PERCENT UNEMPLOYED	4.8	3.5	4.7
LOWELL PMSA			
LABOR FORCE	149,270	148,880	147,000
EMPLOYMENT	143,380	144,880	140,820
UNEMPLOYMENT	5,890	4,000	6,180
PERCENT UNEMPLOYED	3.9	2.7	4.2
NEW BEDFORD MSA			
LABOR FORCE	84,980	84,130	84,840
EMPLOYMENT	79,340	80,810	78,700
UNEMPLOYMENT	5,640	3,320	6,140
PERCENT UNEMPLOYED	6.6	3.9	7.2

NOTE: By place of residence, not comparable to nonagricultural wage and salary employment.

LABOR FORCE, EMPLOYMENT AND UNEMPLOYMENT
UNITED STATES, MASSACHUSETTS AND THE LABOR AREA
NOT SEASONALLY ADJUSTED

(In Thousands)

AREA	JANUARY 1988	DECEMBER 1987	JANUARY 1987
PITTSFIELD MSA			
LABOR FORCE	40,960	40,130	39,910
EMPLOYMENT	38,890	38,780	38,000
UNEMPLOYMENT	2,070	1,350	1,910
PERCENT UNEMPLOYED	5.1	3.4	4.8
SALEM-GLOUCESTER PMSA			
LABOR FORCE	151,190	148,950	149,400
EMPLOYMENT	146,650	145,120	143,760
UNEMPLOYMENT	4,540	3,830	5,650
PERCENT UNEMPLOYED	3.0	2.6	3.8
SPRINGFIELD MSA			
LABOR FORCE	257,050	252,880	247,680
EMPLOYMENT	247,330	246,340	237,030
UNEMPLOYMENT	9,710	6,550	10,650
PERCENT UNEMPLOYED	3.8	2.6	4.3
WORCESTER MSA			
LABOR FORCE	219,750	218,480	208,770
EMPLOYMENT	212,090	212,980	200,890
UNEMPLOYMENT	7,660	5,500	7,880
PERCENT UNEMPLOYED	3.5	2.5	3.8
OTHER LABOR AREAS			
AMHERST LMA			
LABOR FORCE	29,950	30,250	29,190
EMPLOYMENT	28,960	29,590	28,180
UNEMPLOYMENT	990	660	1,010
PERCENT UNEMPLOYED	3.3	2.2	3.5
ATHOL LMA			
LABOR FORCE	10,080	9,900	9,940
EMPLOYMENT	9,420	9,470	9,310
UNEMPLOYMENT	660	440	630
PERCENT UNEMPLOYED	6.6	4.4	6.4
ATTLEBORO LMA			
LABOR FORCE	48,560	47,750	47,630
EMPLOYMENT	45,710	45,880	44,780
UNEMPLOYMENT	2,860	1,870	2,860
PERCENT UNEMPLOYED	5.9	3.9	6.0
BARNSTABLE LMA			
LABOR FORCE	92,170	93,660	91,090
EMPLOYMENT	86,190	89,680	85,250
UNEMPLOYMENT	5,970	3,970	5,840
PERCENT UNEMPLOYED	6.5	4.2	6.4
DUKES COUNTY LMA			
LABOR FORCE	5,760	5,940	5,290
EMPLOYMENT	5,430	5,740	4,940
UNEMPLOYMENT	330	190	350
PERCENT UNEMPLOYED	5.7	3.3	6.6

NOTE: By place of residence, not comparable to nonagricultural wage and salary employment..

LABOR FORCE, EMPLOYMENT AND UNEMPLOYMENT
UNITED STATES, MASSACHUSETTS AND THE LABOR AREA
NOT SEASONALLY ADJUSTED

(In Thousands)

AREA	JANUARY 1988	DECEMBER 1987	JANUARY 1987
GARDNER LMA			
LABOR FORCE	15,090	14,880	14,580
EMPLOYMENT	14,250	14,390	13,590
UNEMPLOYMENT	840	490	990
PERCENT UNEMPLOYED	5.6	3.3	6.8
GREAT BARRINGTON LMA			
LABOR FORCE	9,360	9,350	9,050
EMPLOYMENT	9,030	9,140	8,740
UNEMPLOYMENT	330	200	310
PERCENT UNEMPLOYED	3.6	2.2	3.4
GREENFIELD LMA			
LABOR FORCE	26,840	26,370	24,580
EMPLOYMENT	25,830	25,750	23,640
UNEMPLOYMENT	1,010	620	940
PERCENT UNEMPLOYED	3.8	2.3	3.8
NANTUCKET LMA			
LABOR FORCE	3,810	4,400	3,800
EMPLOYMENT	3,680	4,340	3,650
UNEMPLOYMENT	140	60	150
PERCENT UNEMPLOYED	3.5	1.4	3.9
NORTH ADAMS LMA			
LABOR FORCE	20,790	19,640	19,860
EMPLOYMENT	19,760	18,980	18,680
UNEMPLOYMENT	1,030	650	1,180
PERCENT UNEMPLOYED	5.0	3.3	5.9
SOUTHBRIDGE LMA			
LABOR FORCE	13,670	13,710	13,570
EMPLOYMENT	12,960	13,240	12,870
UNEMPLOYMENT	720	470	700
PERCENT UNEMPLOYED	5.2	3.4	5.2
TAUNTON LMA			
LABOR FORCE	27,910	26,820	25,360
EMPLOYMENT	26,310	26,020	23,850
UNEMPLOYMENT	1,600	800	1,510
PERCENT UNEMPLOYED	5.7	3.0	6.0
WARE LMA			
LABOR FORCE	8,360	8,410	8,040
EMPLOYMENT	7,890	8,120	7,620
UNEMPLOYMENT	470	290	420
PERCENT UNEMPLOYED	5.6	3.4	5.2
BALANCE of WESTERN MASS EA			
LABOR FORCE	9,360	8,800	8,850
EMPLOYMENT	8,920	8,530	8,430
UNEMPLOYMENT	440	270	420
PERCENT UNEMPLOYED	4.7	3.1	4.7

NOTE: By place of residence, not comparable to nonagricultural wage and salary employment.

LABOR FORCE, EMPLOYMENT AND UNEMPLOYMENT
MASSACHUSETTS CITIES AND TOWNS

JANUARY 1988 PRELIMINARY ESTIMATES

City or Town Name	Labor Force	Employ-ment	Unemploy-ment	Rate
ABINGTON	7,547	7,294	253	3.4
ACTON	10,219	9,997	222	2.2
ACUSHNET	4,908	4,688	220	4.5
ADAMS	5,263	5,018	245	4.7
AGAWAM	14,178	13,820	358	2.5
ALFORD	239	231	8	3.3
AMESBURY	7,387	7,033	354	4.8
AMHERST	19,475	18,805	670	3.4
ANDOVER	14,269	13,860	409	2.9
ARLINGTON	28,584	27,964	620	2.2
ASHBURNHAM	1,987	1,890	97	4.9
ASHBY	1,078	1,021	57	5.3
ASHFIELD	881	846	35	4.0
ASHLAND	5,949	5,802	147	2.5
ATHOL	4,536	4,235	301	6.6
ATTLEBORO	18,932	17,828	1,104	5.8
AUBURN	8,791	8,610	181	2.1
AVON	3,020	2,910	110	3.6
AYER	3,681	3,505	176	4.8
BARNSTABLE	18,163	17,112	1,051	5.8
BARRE	2,158	2,113	45	2.1
BECKET	720	696	24	3.3
BEDFORD	7,113	6,974	139	2.0
BELCHERTOWN	4,312	4,098	214	5.0
BELLINGHAM	7,583	7,292	291	3.8
BELMONT	14,663	14,361	302	2.1
BERKLEY	1,421	1,342	79	5.6
BERLIN	1,266	1,239	27	2.1
BERNARDSTON	1,010	978	32	3.2
BEVERLY	22,715	22,072	643	2.8
BILLERICA	22,735	21,952	783	3.4
BLACKSTONE	3,265	3,071	194	5.9
BLANDFORD	621	589	32	5.2
BOLTON	1,413	1,385	28	2.0
BOSTON	295,913	283,458	12,455	4.2
BOURNE	6,935	6,595	340	4.9
BOXBOROUGH	2,069	2,056	13	0.6
BOXFORD	2,775	2,719	56	2.0
BOYLSTON	2,121	2,071	50	2.4
BRAINTREE	20,148	19,494	654	3.2
BREWSTER	2,680	2,563	117	4.4
BRIDGEWATER	8,908	8,549	359	4.0
BRIMFIELD	1,171	1,112	59	5.0
BROCKTON	49,583	47,078	2,505	5.1
BROOKFIELD	1,340	1,286	54	4.0
BROOKLINE	33,894	33,122	772	2.3
BUCKLAND	1,014	990	24	2.4
BURLINGTON	14,087	13,750	337	2.4
CAMBRIDGE	56,735	55,001	1,734	3.1
CANTON	10,166	9,911	255	2.5
CARLISLE	1,851	1,786	65	3.5
CARVER	3,115	2,960	155	5.0
CHARLEMONT	646	611	35	5.4
CHARLTON	3,555	3,394	161	4.5
CHATHAM	3,142	3,051	91	2.9
CHELMSFORD	19,844	19,256	588	3.0
CHELSEA	11,545	10,920	625	5.4
CHESHIRE	1,553	1,478	75	4.8
CHESTER	596	561	35	5.9
CHESTERFIELD	610	572	38	6.2
CHICOPEE	28,638	27,547	1,091	3.8
CHILMARK	317	309	8	2.5
CLARKSBURG	1,039	983	56	5.4
CLINTON	6,997	6,765	232	3.3
COHASSET	3,786	3,684	102	2.7
COLRAIN	824	811	13	1.6
CONCORD	9,056	8,913	143	1.6
CONWAY	734	715	19	2.6
CUMMINGTON	391	375	16	4.1
DALTON	3,358	3,225	133	4.0
DANVERS	14,476	14,132	344	2.4
DARTMOUTH	12,894	12,242	652	5.1
DEDHAM	14,358	13,983	375	2.6
DEERFIELD	2,859	2,746	113	4.0
DENNIS	6,515	6,216	299	4.6
DIGHTON	2,894	2,709	185	6.4
DOUGLAS	1,949	1,878	71	3.6
DOVER	2,379	2,339	40	1.7
DRACUT	13,835	13,326	509	3.7
DUDLEY	4,988	4,843	145	2.9
DUNSTABLE	1,040	1,007	33	3.2
DUXBURY	5,808	5,627	181	3.1
EAST BRIDGEWATER	5,371	5,141	230	4.3
EAST BROOKFIELD	1,023	990	33	3.2
EAST LONGMEADOW	6,592	6,331	261	4.0
EASTHAM	2,077	1,905	172	8.3
EASTHAMPTON	8,478	8,289	189	2.2
EASTON	9,462	9,249	213	2.3
EDGARTOWN	1,440	1,370	70	4.9
EGREMONT	855	826	29	3.4
ERVING	573	528	45	7.9
ESSEX	1,741	1,692	49	2.8
EVERETT	19,348	18,438	910	4.7
FAIRHAVEN	8,011	7,567	444	5.5
FALL RIVER	43,524	40,100	3,424	7.9
FALMOUTH	13,910	12,959	951	6.8
FITCHBURG	18,831	17,729	1,102	5.9
FLORIDA	389	366	23	5.9
FOXBOROUGH	7,896	7,674	222	2.8
FRAMINGHAM	39,715	38,865	850	2.1
FRANKLIN	9,401	9,072	329	3.5
FREETOWN	3,740	3,542	198	5.3
GARDNER	8,500	8,017	483	5.7
GAY HEAD	123	115	8	6.5
GEORGETOWN	3,088	2,998	90	2.9
GILL	765	736	29	3.8
GLOUCESTER	15,233	14,514	719	4.7
GOSHEN	417	410	7	1.7
GOSNOLD	39	39	0	0.0
GRAFTON	6,600	6,442	158	2.4
GRANBY	2,825	2,711	114	4.0
GRANVILLE	720	691	29	4.0
GREAT BARRINGTON	4,192	4,022	170	4.1
GREENFIELD	10,252	9,807	445	4.3
GROTON	3,379	3,320	59	1.7
GROVELAND	2,861	2,750	111	3.9
HADLEY	2,841	2,778	63	2.2
HALIFAX	2,622	2,519	103	3.9
HAMILTON	4,043	3,973	70	1.7
HAMPDEN	2,352	2,284	68	2.9
HANCOCK	365	343	22	6.0
HANOVER	5,957	5,812	145	2.4
HANSON	4,297	4,066	231	5.4
HARDWICK	965	913	52	5.4
HARVARD	3,181	3,127	54	1.7
HARWICH	4,721	4,321	400	8.5
HATFIELD	2,015	1,936	79	3.9
HAVERHILL	24,109	22,895	1,214	5.0
HAWLEY	151	145	6	4.0
HEATH	258	250	8	3.1
HINGHAM	10,571	10,211	360	3.4
HINSDALE	789	751	38	4.8
HOLBROOK	6,300	6,087	213	3.4
HOLDEN	7,563	7,365	198	2.6
HOLLAND	778	741	37	4.8
HOLLISTON	7,218	7,083	135	1.9
HOLYOKE	19,473	18,558	915	4.7
HOPEDALE	2,041	1,952	89	4.4
HOPKINTON	4,137	4,053	84	2.0
HUBBARDSTON	835	785	50	6.0
HUDSON	9,752	9,532	220	2.3
HULL	4,783	4,520	263	5.5
HUNTINGTON	881	839	42	4.8
IPSWICH	6,510	6,323	187	2.9
KINGSTON	3,802	3,686	116	3.1
LAKEVILLE	2,965	2,843	122	4.1
LANCASTER	3,281	3,198	83	2.5
LANESBOROUGH	1,584	1,491	93	5.9
LAWRENCE	30,457	28,631	1,826	6.0
LEE	3,024	2,872	152	5.0
LEICESTER	5,212	5,032	180	3.5
LENOX	3,286	3,150	136	4.1
LEOMINSTER	16,813	16,141	672	4.0
LEVERETT	1,013	985	28	2.8
LEXINGTON	17,238	16,884	354	2.1
LEYDEN	307	292	15	4.9
LINCOLN	3,243	3,166	77	2.4
LITTLETON	3,992	3,907	85	2.1
LONGMEADOW	7,942	7,728	214	2.7
LOWELL	54,758	52,186	2,572	4.7
LUDLOW	10,203	9,896	307	3.0
LUNENBURG	4,192	4,055	137	3.3
LYNN	39,513	38,148	1,365	3.5
LYNNFIELD	6,060	5,940	120	2.0

NOTE: By place of residence, not comparable to nonagricultural wage and salary employment

JANUARY 1988 PRELIMINARY ESTIMATES

City or Town Name	Labor Force	Employment	Unemployment	Rate
MALDEN	28,688	27,735	953	3.3
MANCHESTER	2,991	2,928	63	2.1
MANSFIELD	7,446	7,299	147	2.0
MARBLEHEAD	12,038	11,698	340	2.8
MARION	1,976	1,819	157	7.9
MARLBOROUGH	18,304	17,893	411	2.2
MARSHFIELD	11,131	10,752	379	3.4
MASHPEE	2,285	2,175	110	4.8
MATTAPOISETT	3,073	2,912	161	5.2
MAYNARD	5,554	5,386	168	3.0
MEDFIELD	5,357	5,256	101	1.9
MEDFORD	31,513	30,529	984	3.1
MEDWAY	4,605	4,496	109	2.4
MELROSE	16,497	16,053	444	2.7
MENDON	1,661	1,633	28	1.7
MERRIMAC	2,367	2,269	98	4.1
METHUEN	21,020	20,230	790	3.8
MIDDLEBOROUGH	7,835	7,403	432	5.5
MIDDLEFIELD	212	189	23	10.8
MIDDLETON	2,591	2,522	69	2.7
MILFORD	12,867	12,364	503	3.9
MILLBURY	6,517	6,222	295	4.5
MILLIS	3,792	3,699	93	2.5
MILLVILLE	854	793	61	7.1
MILTON	13,226	12,913	313	2.4
MONROE	85	79	6	7.1
MONSON	3,524	3,400	124	3.5
MONTAGUE	4,471	4,328	143	3.2
MONTEREY	527	513	14	2.7
MONTGOMERY	293	287	6	2.0
MOUNT WASHINGTON	72	70	2	2.8
NAHANT	2,187	2,141	46	2.1
NANTUCKET	3,810	3,675	135	3.5
NATICK	17,524	17,171	353	2.0
NEEDHAM	15,618	15,291	327	2.1
NEW ASHFORD	114	111	3	2.6
NEW BEDFORD	48,770	45,035	3,735	7.7
NEW BRAINTREE	312	301	11	3.5
NEW MARLBOROUGH	686	661	25	3.6
NEW SALEM	319	302	17	5.3
NEWBURY	2,446	2,303	143	5.8
NEWBURYPORT	8,824	8,458	366	4.1
NEWTON	48,879	47,795	1,084	2.2
NORFOLK	2,911	2,845	66	2.3
NORTH ADAMS	8,850	8,289	561	6.3
NORTH ANDOVER	10,800	10,470	330	3.1
NORTH ATTLEBOROUGH	11,566	10,937	629	5.4
NORTH BROOKFIELD	2,139	2,088	51	2.4
NORTH READING	6,636	6,472	164	2.5
NORTHAMPTON	15,190	14,701	489	3.2
NORTHBOROUGH	6,035	5,931	104	1.7
NORTHBRIDGE	6,664	6,417	247	3.7
NORTHFIELD	1,389	1,345	44	3.2
NORTON	7,052	6,777	275	3.9
NORWELL	4,795	4,709	86	1.8
NORWOOD	17,555	17,138	417	2.4
OAK BLUFFS	1,135	1,035	100	8.8
OAKHAM	445	418	27	6.1
ORANGE	2,723	2,556	167	6.1
ORLEANS	2,791	2,664	127	4.6
OTIS	529	503	26	4.9
OXFORD	6,316	6,017	299	4.7
PALMER	6,097	5,945	152	2.5
PAXTON	2,182	2,156	26	1.2
PEABODY	27,508	26,604	904	3.3
PELHAM	733	710	23	3.1
PEMBROKE	6,958	6,663	295	4.2
PEPPERELL	4,704	4,506	198	4.2
PERU	368	348	20	5.4
PETERSHAM	464	452	12	2.6
PHILLIPSTON	435	410	25	5.7
PITTSFIELD	25,260	23,869	1,391	5.5
PLAINFIELD	234	215	19	8.1
PLAINVILLE	3,209	3,030	179	5.6
PLYMOUTH	17,164	16,317	847	4.9
PLYMPTON	989	944	45	4.6
PRINCETON	1,435	1,408	27	1.9
PROVINCETOWN	2,619	2,145	474	18.1
QUINCY	47,618	46,149	1,469	3.1
RANDOLPH	16,168	15,684	484	3.0
RAYNHAM	4,924	4,777	147	3.0
READING	13,110	12,824	286	2.2
REHOBOTH	4,003	3,754	249	6.2
REVERE	22,425	21,386	1,039	4.6
RICHMOND	843	824	19	2.3
ROCHESTER	1,609	1,533	76	4.7
ROCKLAND	8,136	7,754	382	4.7
ROCKPORT	3,163	3,009	154	4.9
ROWE	172	160	12	7.0
ROWLEY	2,434	2,379	55	2.3
ROYALSTON	430	394	36	8.4
RUSSELL	769	747	22	2.9
RUTLAND	2,310	2,248	62	2.7
SALEM	22,366	21,683	683	3.1
SALISBURY	3,063	2,903	160	5.2
SANDISFIELD	368	355	13	3.5
SANDWICH	5,130	4,912	218	4.2
SAUGUS	13,872	13,502	370	2.7
SAVOY	310	284	26	8.4
SCITUATE	9,271	8,996	275	3.0
SEEKONK	6,735	6,295	440	6.5
SHARON	7,701	7,477	224	2.9
SHEFFIELD	1,670	1,618	52	3.1
SHELBURNE	1,019	989	30	2.9
SHERBORN	2,054	2,035	19	0.9
SHIRLEY	2,613	2,505	108	4.1
SHREWSBURY	13,304	12,941	363	2.7
SHUTESBURY	731	706	25	3.4
SOMERSET	10,103	9,517	586	5.8
SOMERVILLE	43,325	41,843	1,482	3.4
SOUTH HADLEY	9,048	8,779	269	3.0
SOUTHAMPTON	2,266	2,197	69	3.0
SOUTHBOROUGH	3,504	3,427	77	2.2
SOUTHBRIDGE	8,070	7,704	366	4.5
SOUTHWICK	3,932	3,793	139	3.5
SPENCER	5,706	5,526	180	3.2
SPRINGFIELD	70,470	67,075	3,395	4.8
STERLING	3,056	3,002	54	1.8
STOCKBRIDGE	1,257	1,226	31	2.5
STONEHAM	12,109	11,855	254	2.1
STOUGHTON	14,855	14,322	533	3.6
STOW	2,951	2,900	51	1.7
STURBRIDGE	3,100	2,897	203	6.5
SUDBURY	7,550	7,394	156	2.1
SUNDERLAND	2,215	2,146	69	3.1
SUTTON	3,108	2,972	136	4.4
SWAMPSCOTT	8,030	7,854	176	2.2
SWANSEA	7,975	7,537	438	5.5
TAUNTON	23,593	22,255	1,338	5.7
TEMPLETON	2,668	2,544	124	4.6
TEWKSBURY	15,110	14,580	530	3.5
TISBURY	2,007	1,874	133	6.6
TOLLAND	155	141	14	9.0
TOPSFIELD	3,149	3,096	53	1.7
TOWNSEND	3,749	3,663	86	2.3
TRURO	814	685	129	15.8
TYNGSBOROUGH	3,689	3,585	104	2.8
TYRINGHAM	245	239	6	2.4
UPTON	2,115	2,071	44	2.1
UXBRIDGE	4,591	4,358	233	5.1
WAKEFIELD	14,182	13,758	424	3.0
WALES	553	501	52	9.4
WALPOLE	10,257	10,004	253	2.5
WALTHAM	34,262	33,457	805	2.3
WARE	3,861	3,603	258	6.7
WAREHAM	9,737	8,832	905	9.3
WARREN	1,497	1,429	68	4.5
WARWICK	240	225	15	6.3
WASHINGTON	347	323	24	6.9
WATERTOWN	21,037	20,555	482	2.3
WAYLAND	6,994	6,871	123	1.8
WEBSTER	7,583	7,237	346	4.6
WELLESLEY	14,502	14,164	338	2.3
WELLFLEET	1,191	1,078	113	9.5
WENDELL	360	316	44	12.2
WENHAM	2,201	2,166	35	1.6
WEST BOYLSTON	3,526	3,434	92	2.6
WEST BRIDGEWATER	3,416	3,278	138	4.0

NOTE: By place of residence, not comparable to nonagricultural wage and salary employment

JANUARY 1988 PRELIMINARY ESTIMATES

City or Town Name	Labor Force	Employ-ment	Unemploy-ment	Rate
WEST BROOKFIELD	1,276	1,223	53	4.2
WEST NEWBURY	1,518	1,430	88	5.8
WEST SPRINGFIELD	14,959	14,574	385	2.6
WEST STOCKBRIDGE	757	736	21	2.8
WEST TISBURY	701	690	11	1.6
WESTBOROUGH	8,330	8,123	207	2.5
WESTFIELD	18,285	17,580	705	3.9
WESTFORD	8,227	8,004	223	2.7
WESTHAMPTON	750	735	15	2.0
WESTMINSTER	2,530	2,470	60	2.4
WESTON	5,951	5,901	50	0.8
WESTPORT	6,924	6,428	496	7.2
WESTWOOD	7,282	7,167	115	1.6
WEYMOUTH	31,315	30,272	1,043	3.3
WHATELY	923	888	35	3.8
WHITMAN	7,338	7,132	206	2.8
WILBRAHAM	6,339	6,154	185	2.9
WILLIAMSBURG	1,512	1,436	76	5.0
WILLIAMSTOWN	4,461	4,363	98	2.2
WILMINGTON	9,420	9,128	292	3.1
WINCHENDON	3,085	2,903	182	5.9
WINCHESTER	11,247	11,035	212	1.9
WINDSOR	367	357	10	2.7
WINTHROP	11,177	10,824	353	3.2
WOBURN	21,608	21,178	430	2.0
WORCESTER	84,650	81,217	3,433	4.1
WORTHINGTON	565	541	24	4.2
WRENTHAM	3,452	3,349	103	3.0
YARMOUTH	9,458	8,980	478	5.1

NOTE: By place of residence, not comparable to nonagricultural wage and salary employment

UNEMPLOYMENT INSURANCE CLAIMS[1]
MASSACHUSETTS AND THE LABOR AREAS

NOT SEASONALLY ADJUSTED

MASSACHUSETTS AND THE LABOR AREAS	INITIAL CLAIMS			CONTINUED CLAIMS[2]		
	JAN 88	DEC 87	JAN 87	JAN 88	DEC 87	JAN 87
MASSACHUSETTS	6,888	8,290	6,288	69,518	46,496	63,391
MAJOR LABOR AREAS						
BOSTON PMSA	3,263	2,698	2,740	26,078	18,771	24,200
BROCKTON PMSA	270	190	284	2,120	1,337	2,066
FALL RIVER PMSA[3]	676	581	512	4,117	2,357	4,137
FITCHBURG-LEOMINSTER MSA	178	123	151	1,196	753	1,405
LAWRENCE-HAVERHILL PMSA[4]	486	314	396	3,616	2,779	3,640
LOWELL PMSA[4]	439	225	251	2,675	1,728	3,016
NEW BEDFORD MSA	572	453	540	3,986	2,088	4,055
PITTSFIELD MSA	161	102	144	1,297	920	1,117
SPRINFIELD MSA	373	323	443	3,144	2,191	3,085
SALEM-GLOUCESTER PMSA	807	532	656	5,368	3,555	5,488
WORCESTER MSA	524	535	502	4,405	2,736	4,094
OTHER LABOR AREAS						
AMHERST LMA	37	21	40	235	121	241
ATHOL LMA	60	46	32	411	285	350
BARNSTABLE COUNTY LMA	482	338	338	4,110	2,882	3,766
BALANCE OF WESTERN MA EA	36	23	32	226	126	204
DUKES COUNTY LMA	26	16	21	208	124	213
GARDNER LMA	85	33	67	455	259	582
GREAT BARRINGTON LMA	23	11	14	195	114	171
GREENFIELD LMA	80	53	66	594	324	519
NANTUCKET LMA	14	3	9	79	37	78
NORTH ADAMS LMA	96	58	81	675	429	710
SOUTHBRIDGE LMA	66	38	40	419	282	399
TAUNTON LMA	242	92	134	1,066	431	938
WARE LMA	43	33	25	316	192	264

1 - Week that includes the 12th
2 - Includes regular compensation not extended compensation
3 - Includes Rhode Island residents of PMSA
4 - Includes New Hampshire residents of PMSA

EXPLANATION OF TERMS

Nonagricultural Wage and Salary Employment. Includes all workers who worked full or part-time or who received vacation pay, holiday pay or sick leave pay directly from the employer for the pay period which includes the 12th of the month. Excluded are workers in most agricultural industries as well as those in forestry, fisheries and international government. Also excluded are self-employed workers, unpaid family workers and domestics in private households.

Benchmark. A reasonably complete count of employment at a specified period of time, usually the first quarter of the year. The principal sources of benchmark data for the CES Program are tabulations of employment reported by establishments covered by the Massachusetts Employment Security Law and by Federal government agencies covered by Federal U.I. Law. These principal sources are supplemented for those nonagricultural jobs not covered by U.I. (e.g., religious, students employed by the institution attended).

Establishment. An establishment is an economic unit which produces goods or services, generally at a single physical location, and is engaged in only one type of activity.

Labor Force. The sum of the employed and unemployed living in the area (total employment plus total unemployment).

Total Employment. The count of persons, living in the area, who did any work at all, in any area, for pay or profit during the week of the month including the 12th or who had a job from which they were temporarily absent because of illness, vacation, labor dispute or other reasons which does not reflect a shortage of work.

Total Unemployment. The count of persons, living in the area, who did no work at all, in any area, during the week of the month including the 12th, but who were looking for work or awaiting recall from layoff or beginning a new job within the next 30 days.

Unemployment Rate. Unemployment expressed as a percent of the labor force.

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DES DIVISION OF EMPLOYMENT SECURITY

Employment Review

FEBRUARY 1988

February Job Level Expands Slightly

The State's labor market added 12,200 nonagricultural wage and salary jobs since January 1988, raising the total number of jobs statewide to 3,038,000.

- For February 1988 services posted the largest over the month increase, up 16,300 positions, as many educational institutions returned from semester break. Employment opportunities improved slightly in the finance, insurance, and real estate sector with job levels growing by 400 since January 1988. Companies in the transportation, communication, and public utilities sector hired 400 new workers in February 1988.

- With 4,300 jobs lost since January 1988, the wholesale and retail trade sector continued to readjust to the end of the holiday season. The construction sector also recorded seasonal declines, down by 3,000 workers in February 1988.

- Manufacturing employment fell slightly over the month with 2,300 jobs lost. Both the durable and nondurable goods producing industries showed monthly declines.

From an annual perspective, the state's economy continues to generate a significant number of jobs. Nonagricultural wage and salary jobs grew by 61,300 or 2.1 percent since February 1987.

- The number of jobs in the services sector grew by 31,900 jobs or 3.9 percent over the year. Health services increased by 6,000 workers in that time period.

- Other major industry sectors displaying annual employment expansion include finance, insurance, and real estate with 12,900 new jobs, and transportation, communication, and public utilities which increased by 3,200 jobs.

- Since February 1987, the manufacturing sector has lost 17,400 jobs. A large temporary layoff in transportation equipment contributed to an annual decline of 6,100 in that industry.

New Publication Available

The Economic Research and Analysis Service has released the results of its latest wage survey in a comprehensive two volume publication. Volume I of "Selected Occupational Wages in Trade, Transportation, Communications and Utilities" provides wage information on 86 occupations on a statewide basis, as well as information on the nature of the work and training requirements for each occupation; Volume II examines wage data for 54 of the 86 occupations on a regional basis.

The wage survey program was initiated in the Commonwealth in response to the considerable demand for detailed information on wages

(continued on page 9)

NONAGRICULTURAL WAGE & SALARY EMPLOYMENT

MASSACHUSETTS

INDUSTRY	EMPLOYMENT			CHANGE			
				PRIOR MO.		YEAR AGO	
	FEB 1988	JAN 1988	FEB 1987	#	%	#	%
NONAGRICULTURAL EMPLOYMENT	3038.0	3025.8	2976.7	12.2	0.4	61.3	2.1
Manufacturing	584.8	587.1	602.2	-2.3	-0.4	-17.4	-2.9
Durable Goods	388.2	389.5	401.5	-1.3	-0.3	-13.3	-3.3
Lumber & Furniture	13.5	13.5	13.2	0.0	****	0.3	2.3
Stone,Clay & Glass	10.2	10.3	10.1	-0.1	-1.0	0.1	1.0
Primary Metals	15.3	15.3	15.7	0.0	****	-0.4	-2.5
Fabricated Metals	40.6	40.8	42.1	-0.2	-0.5	-1.5	-3.6
Cutlery,Hand tools,Hardware	8.6	8.6	9.4	0.0	****	-0.8	-8.5
Machinery, except electrical	102.4	102.8	104.1	-0.4	-0.4	-1.7	-1.6
Metalworking machinery	12.9	12.9	13.0	0.0	****	-0.1	-0.8
Special industry machinery	10.9	11.1	12.1	-0.2	-1.8	-1.2	-9.9
* Office Computing, & Accounting Machines	57.7	57.6	56.3	0.1	0.2	1.4	2.5
Electrical & Electronic machinery,equip.,etc.	104.0	104.4	106.4	-0.4	-0.4	-2.4	-2.3
Communications equipment	40.4	40.7	42.1	-0.3	-0.7	-1.7	-4.0
Electronic components	42.8	42.7	41.4	0.1	0.2	1.4	3.4
Transportation equipment	30.8	31.0	36.9	-0.2	-0.6	-6.1	-16.5
Instruments	52.7	52.7	54.3	0.0	****	-1.6	-2.9
Measuring & Control devices	17.6	17.6	19.9	0.0	****	-2.3	-11.6
Miscellaneous Manufacturing Industries	18.7	18.7	18.7	0.0	****	0.0	****
Jewelry	7.1	7.2	7.2	-0.1	-1.4	-0.1	-1.4
Nondurable Goods	196.6	197.6	200.7	-1.0	-0.5	-4.1	-2.0
Food & kindred products	19.8	20.1	21.2	-0.3	-1.5	-1.4	-6.6
Textile mill products	16.6	16.7	17.5	-0.1	-0.6	-0.9	-5.1
Apparel	24.4	24.5	25.7	-0.1	-0.4	-1.3	-5.1
Mens & Boys suits,coats & furnishings	6.6	6.6	6.8	0.0	****	-0.2	-2.9
Paper & allied products	24.2	24.4	24.5	-0.2	-0.8	-0.3	-1.2
Printing & Publishing	56.2	56.1	55.0	0.1	0.2	1.2	2.2
Chemicals	17.1	17.0	17.3	0.1	0.6	-0.2	-1.2
Rubber & miscellaneous Plastic products	28.3	28.6	29.6	-0.3	-1.0	-1.3	-4.4
Miscellaneous Plastic products	21.7	21.8	22.5	-0.1	-0.5	-0.8	-3.6
Leather & Leather products	8.5	8.7	8.8	-0.2	-2.3	-0.3	-3.4
Footwear, except rubber	4.0	4.2	4.4	-0.2	-4.8	-0.4	-9.1
Mining	1.6	1.7	1.4	-0.1	-5.9	0.2	14.3
Construction	129.4	132.4	115.1	-3.0	-2.3	14.3	12.4
Transportation, Communication & Public Utilities	129.0	128.6	125.8	0.4	0.3	3.2	2.5
Wholesale & Retail trade	707.2	711.5	698.7	-4.3	-0.6	8.5	1.2
Wholesale Trade	171.3	171.3	166.3	0.0	****	5.0	3.0
Retail Trade	535.9	540.2	532.4	-4.3	-0.8	3.5	0.7
Finance, Insurance & Real Estate	222.9	222.5	210.0	0.4	0.2	12.9	6.1
Banking	65.3	65.3	62.8	0.0	****	2.5	4.0
Services	859.9	843.6	828.0	16.3	1.9	31.9	3.9
Health Services	247.3	247.1	241.3	0.2	0.1	6.0	2.5
Educational Services	119.5	105.4	117.7	14.1	13.4	1.8	1.5
Government	403.2	398.4	395.5	4.8	1.2	7.7	1.9
Federal	62.9	62.1	60.6	0.8	1.3	2.3	3.8
U.S. Postal Service	27.0	27.0	25.7	0.0	****	1.3	5.1
State	99.4	98.2	98.6	1.2	1.2	0.8	0.8
Educational services	25.3	24.2	27.5	1.1	4.5	-2.2	-8.0
Local	240.9	238.1	236.3	2.8	1.2	4.6	1.9
Educational services	138.6	135.9	135.6	2.7	2.0	3.0	2.2
Other Local	102.3	102.2	100.7	0.1	0.1	1.6	1.6
* High Technology Manufacturing	238.9	239.2	241.8	-0.3	-0.1	-2.9	-1.2
* High Technology Nonmanufacturing	88.0	87.5	82.2	0.5	0.6	5.8	7.1

NOTE: By place of work, not comparable to labor force employment statistics
* - Not currently validated by the U.S. Bureau of Labor Statistics

NONAGRICULTURAL WAGE & SALARY EMPLOYMENT

BOSTON PMSA

INDUSTRY	EMPLOYMENT			CHANGE			
				PRIOR MO.		YEAR AGO	
	FEB 1988	JAN 1988	FEB 1987	#	%	#	%
NONAGRICULTURAL EMPLOYMENT	1720.2	1712.0	1682.6	8.2	0.5	37.6	2.2
Manufacturing	275.3	276.3	282.6	-1.0	-0.4	-7.3	-2.6
Durable Goods	195.5	196.3	202.3	-0.8	-0.4	-6.8	-3.4
Primary Metals	3.4	3.5	3.2	-0.1	-2.9	0.2	6.3
Fabricated Metals	15.6	15.8	16.5	-0.2	-1.3	-0.9	-5.5
Machinery, except electrical	48.0	48.1	49.3	-0.1	-0.2	-1.3	-2.6
Electrical & Electronic machinery,equip.,etc.	59.7	59.9	58.3	-0.2	-0.3	1.4	2.4
Transportation equipment	18.7	18.8	24.3	-0.1	-0.5	-5.6	-23.0
Instruments	39.0	39.0	39.7	0.0	****	-0.7	-1.8
Nondurable Goods	79.8	80.0	80.3	-0.2	-0.3	-0.5	-0.6
Food & kindred products	11.4	11.6	11.3	-0.2	-1.7	0.1	0.9
Textile mill products	2.4	2.5	2.4	-0.1	-4.0	0.0	****
Apparel	6.3	6.2	6.7	0.1	1.6	-0.4	-6.0
Paper & allied products	6.7	6.7	7.2	0.0	****	-0.5	-6.9
Printing & Publishing	33.3	33.3	33.1	0.0	****	0.2	0.6
Chemicals	8.2	8.1	8.1	0.1	1.2	0.1	1.2
Rubber & miscellaneous Plastic products	8.4	8.5	8.5	-0.1	-1.2	-0.1	-1.2
Leather & Leather products	2.4	2.4	2.4	0.0	****	0.0	****
Mining	0.9	0.9	0.7	0.0	****	0.2	28.6
Construction	65.2	66.8	59.2	-1.6	-2.4	6.0	10.1
Transportation, Communication & Public Utilities	75.2	75.0	74.4	0.2	0.3	0.8	1.1
Wholesale & Retail trade	381.5	385.6	378.7	-4.1	-1.1	2.8	0.7
Finance, Insurance & Real Estate	153.5	152.8	145.4	0.7	0.5	8.1	5.6
Banking	44.2	44.0	40.9	0.2	0.5	3.3	8.1
Insurance	36.3	36.2	37.1	0.1	0.3	-0.8	-2.2
Services	560.3	548.0	542.0	12.3	2.2	18.3	3.4
Health Services	140.3	140.4	137.7	-0.1	-0.1	2.6	1.9
Educational Services	87.8	76.8	88.9	11.0	14.3	-1.1	-1.2
Government	208.3	206.6	199.6	1.7	0.8	8.7	4.4
Federal	38.4	38.3	37.3	0.1	0.3	1.1	2.9
U.S. Postal Service	15.2	15.1	14.4	0.1	0.7	0.8	5.6
Federal Hospitals	4.9	4.9	4.9	0.0	****	0.0	****
State	50.0	49.7	48.2	0.3	0.6	1.8	3.7
State Hospitals	5.0	4.9	4.8	0.1	2.0	0.2	4.2
Educational services	8.7	8.5	8.7	0.2	2.4	0.0	****
Local	119.9	118.6	114.1	1.3	1.1	5.8	5.1

NOTE: By place of work, not comparable to labor force employment statistics

NONAGRICULTURAL WAGE & SALARY EMPLOYMENT

INDUSTRY	EMPLOYMENT			CHANGE			
				PRIOR MO.		YEAR AGO	
	FEB 1988	JAN 1988	FEB 1987	#	%	#	%
SPRINGFIELD MSA							
NONAGRICULTURAL EMPLOYMENT	240.1	238.4	232.1	1.7	0.7	8.0	3.4
Manufacturing	51.0	51.2	50.7	-0.2	-0.4	0.3	0.6
Durable Goods	26.3	26.4	25.6	-0.1	-0.4	0.7	2.7
Fabricated Metals	6.9	7.1	6.9	-0.2	-2.8	0.0	****
Machinery, except electrical	6.5	6.5	6.1	0.0	****	0.4	6.6
Nondurable Goods	24.7	24.8	25.1	-0.1	-0.4	-0.4	-1.6
Textile mill products	1.5	1.5	1.7	0.0	****	-0.2	-11.8
Apparel	0.9	0.9	1.0	0.0	****	-0.1	-10.0
Paper & allied products	7.9	8.0	7.7	-0.1	-1.3	0.2	2.6
Printing & Publishing	6.2	6.2	6.5	0.0	****	-0.3	-4.6
Mining	0.1	0.1	0.1	0.0	****	0.0	****
Construction	8.8	9.0	8.0	-0.2	-2.2	0.8	10.0
Transportation, Communication & Public Utilities	9.9	9.8	9.7	0.1	1.0	0.2	2.1
Wholesale & Retail trade	56.4	56.5	53.8	-0.1	-0.2	2.6	4.8
Finance, Insurance & Real Estate	16.4	16.4	15.7	0.0	****	0.7	4.5
Services	58.8	57.1	56.0	1.7	3.0	2.8	5.0
Government	38.7	38.3	38.1	0.4	1.0	0.6	1.6
Federal	6.3	6.2	6.0	0.1	1.6	0.3	5.0
State	8.6	8.3	8.4	0.3	3.6	0.2	2.4
Local	23.8	23.8	23.7	0.0	****	0.1	0.4
WORCESTER MSA							
NONAGRICULTURAL EMPLOYMENT	202.5	200.5	193.3	2.0	1.0	9.2	4.8
Manufacturing	46.2	46.4	45.7	-0.2	-0.4	0.5	1.1
Durable Goods	30.9	31.0	30.5	-0.1	-0.3	0.4	1.3
Primary Metals	2.2	2.2	2.1	0.0	****	0.1	4.8
Fabricated Metals	6.8	6.9	6.8	-0.1	-1.4	0.0	****
Machinery, except electrical	10.2	10.2	10.1	0.0	****	0.1	1.0
Nondurable Goods	15.3	15.4	15.2	-0.1	-0.6	0.1	0.7
Textile mill products	2.7	2.7	2.8	0.0	****	-0.1	-3.6
Leather & Leather products	0.7	0.7	0.7	0.0	****	0.0	****
Mining	0.1	0.1	0.1	0.0	****	0.0	****
Construction	8.6	8.9	7.8	-0.3	-3.4	0.8	10.3
Transportation, Communication & Public Utilities	8.5	8.4	8.2	0.1	1.2	0.3	3.7
Wholesale & Retail trade	48.2	47.9	46.5	0.3	0.6	1.7	3.7
Finance, Insurance & Real Estate	14.6	14.6	13.0	0.0	****	1.6	12.3
Services	50.4	49.2	48.2	1.2	2.4	2.2	4.6
Government	25.9	25.0	23.8	0.9	3.6	2.1	8.8

NOTE: By place of work, not comparable to labor force employment statistics

NONAGRICULTURAL WAGE & SALARY EMPLOYMENT

INDUSTRY	EMPLOYMENT			CHANGE			
				PRIOR MO.		YEAR AGO	
	FEB 1988	JAN 1988	FEB 1987	#	%	#	%
BROCKTON PMSA							
NONAGRICULTURAL EMPLOYMENT	72.2	71.8	70.4	0.4	0.6	1.8	2.6
Manufacturing	11.3	11.2	11.3	0.1	0.9	0.0	****
Durable Goods	6.1	6.0	6.1	0.1	1.7	0.0	****
Electrical & Electronic machinery,equip.,etc.	1.3	1.3	1.4	0.0	****	-0.1	-7.1
Nondurable Goods	5.2	5.2	5.2	0.0	****	0.0	****
Construction	3.5	3.5	3.2	0.0	****	0.3	9.4
Transportation, Communication & Public Utilities	5.1	5.0	5.0	0.1	2.0	0.1	2.0
Wholesale & Retail trade	22.3	22.4	21.2	-0.1	-0.4	1.1	5.2
Finance, Insurance & Real Estate	3.1	3.1	3.1	0.0	****	0.0	****
Services	15.2	14.9	14.6	0.3	2.0	0.6	4.1
Government	11.7	11.7	12.0	0.0	****	-0.3	-2.5
Federal	3.0	3.0	2.8	0.0	****	0.2	7.1
State	2.5	2.5	2.6	0.0	****	-0.1	-3.8
Local	6.2	6.2	6.6	0.0	****	-0.4	-6.1
LAWRENCE - HAVERHILL MASS. - N H. PMSA							
NONAGRICULTURAL EMPLOYMENT	162.2	161.7	158.5	0.5	0.3	3.7	2.3
Manufacturing	50.5	50.9	51.5	-0.4	-0.8	-1.0	-1.9
Durable Goods	37.0	37.3	38.0	-0.3	-0.8	-1.0	-2.6
Nondurable Goods	13.5	13.6	13.5	-0.1	-0.7	0.0	****
Leather & Leather products	1.8	1.8	1.7	0.0	****	0.1	5.9
Construction	7.4	7.5	7.3	-0.1	-1.3	0.1	1.4
Transportation, Communication & Public Utilities	6.7	6.6	6.7	0.1	1.5	0.0	****
Wholesale & Retail trade	36.2	36.5	35.1	-0.3	-0.8	1.1	3.1
Finance, Insurance & Real Estate	6.4	6.4	6.0	0.0	****	0.4	6.7
Services	33.4	32.9	31.4	0.5	1.5	2.0	6.4
Government	21.6	20.9	20.5	0.7	3.3	1.1	5.4

NOTE: By place of work, not comparable to labor force employment statistics

NONAGRICULTURAL WAGE & SALARY EMPLOYMENT

INDUSTRY	EMPLOYMENT			CHANGE			
				PRIOR MO.		YEAR AGO	
	FEB 1988	JAN 1988	FEB 1987	#	%	#	%
PITTSFIELD MSA							
NONAGRICULTURAL EMPLOYMENT	41.5	41.7	40.7	-0.2	-0.5	0.8	2.0
Mining	0.1	0.1	0.1	0.0	****	0.0	****
Manufacturing	11.1	11.3	12.3	-0.2	-1.8	-1.2	-9.8
Machinery	6.4	6.5	7.7	-0.1	-1.5	-1.3	-16.9
All other manufacturing	4.7	4.8	4.6	-0.1	-2.1	0.1	2.2
Construction	2.0	2.1	1.7	-0.1	-4.8	0.3	17.6
Transportation, Communication & Public Utilities	1.0	1.0	1.0	0.0	****	0.0	****
Wholesale & Retail trade	9.7	9.8	9.1	-0.1	-1.0	0.6	6.6
Finance, Insurance & Real Estate	2.1	2.1	2.0	0.0	****	0.1	5.0
Services	10.4	10.2	9.7	0.2	2.0	0.7	7.2
Government	5.1	5.1	4.8	0.0	****	0.3	6.3
NEW BEDFORD MSA							
NONAGRICULTURAL EMPLOYMENT	66.9	67.0	65.2	-0.1	-0.1	1.7	2.6
Manufacturing	19.1	19.3	20.0	-0.2	-1.0	-0.9	-4.5
Durable Goods	8.1	8.2	8.5	-0.1	-1.2	-0.4	-4.7
Primary & Fabricated Metals	2.6	2.6	2.9	0.0	****	-0.3	-10.3
Nondurable Goods	11.0	11.1	11.5	-0.1	-0.9	-0.5	-4.3
Apparel	5.8	5.8	5.9	0.0	****	-0.1	-1.7
Construction	2.8	2.9	2.5	-0.1	-3.4	0.3	12.0
Transportation, Communication & Public Utilities	2.8	2.8	2.6	0.0	****	0.2	7.7
Wholesale & Retail trade	16.5	16.5	15.7	0.0	****	0.8	5.1
Finance, Insurance & Real Estate	2.5	2.5	2.4	0.0	****	0.1	4.2
Services	12.9	12.8	12.2	0.1	0.8	0.7	5.7
Government	10.3	10.2	9.8	0.1	1.0	0.5	5.1
FALL RIVER MASS. - R.I. PMSA							
NONAGRICULTURAL EMPLOYMENT	54.8	55.3	53.7	-0.5	-0.9	1.1	2.0
Manufacturing	16.7	16.9	17.3	-0.2	-1.2	-0.6	-3.5
Textile mill products	4.3	4.4	4.4	-0.1	-2.3	-0.1	-2.3
All other manufacturing	12.4	12.5	12.9	-0.1	-0.8	-0.5	-3.9
Construction	1.9	2.1	1.8	-0.2	-9.5	0.1	5.6
Transportation, Communication & Public Utilities	1.8	1.8	1.8	0.0	****	0.0	****
Wholesale & Retail trade	14.6	14.8	13.4	-0.2	-1.4	1.2	9.0
Finance, Insurance & Real Estate	3.2	3.1	2.9	0.1	3.2	0.3	10.3
Services	10.1	10.2	9.8	-0.1	-1.0	0.3	3.1
Government	6.5	6.4	6.7	0.1	1.6	-0.2	-3.0

NOTE: By place of work, not comparable to labor force employment statistics

NONAGRICULTURAL WAGE & SALARY EMPLOYMENT

INDUSTRY	EMPLOYMENT			CHANGE			
				PRIOR NO.		YEAR AGO	
	FEB 1988	JAN 1988	FEB 1987	#	%	#	%
FITCHBURG - LEOMINSTER MSA							
NONAGRICULTURAL EMPLOYMENT	39.2	39.0	38.8	0.2	0.5	0.4	1.0
Manufacturing	11.6	11.5	12.0	0.1	0.9	-0.4	-3.3
Durable Goods	4.7	4.7	4.5	0.0	****	0.2	4.4
Machinery, except electrical	3.0	3.0	2.8	0.0	****	0.2	7.1
Nondurable Goods	6.9	6.8	7.5	0.1	1.5	-0.6	-8.0
Rubber & miscellaneous Plastic products	3.6	3.6	4.0	0.0	****	-0.4	-10.0
Construction	2.2	2.2	2.0	0.0	****	0.2	10.0
Transportation, Communication & Public Utilities	1.7	1.7	1.5	0.0	****	0.2	13.3
Wholesale & Retail trade	9.8	9.7	9.7	0.1	1.0	0.1	1.0
Finance, Insurance & Real Estate	1.8	1.8	1.7	0.0	****	0.1	5.9
Services	7.8	7.8	7.2	0.0	****	0.6	8.3
Government	4.3	4.3	4.7	0.0	****	-0.4	-8.5
LOWELL MASS. - N.H. PMSA							
NONAGRICULTURAL EMPLOYMENT	105.2	104.8	103.4	0.4	0.4	1.8	1.7
Mining	0.1	0.1	0.2	0.0	****	-0.1	-50.0
Manufacturing	36.0	36.1	35.8	-0.1	-0.3	0.2	0.6
Construction	4.9	5.0	4.5	-0.1	-2.0	0.4	8.9
Transportation, Communication & Public Utilities	3.6	3.6	3.4	0.0	****	0.2	5.9
Wholesale & Retail trade	22.6	22.4	22.5	0.2	0.9	0.1	0.4
Finance, Insurance & Real Estate	4.2	4.2	4.1	0.0	****	0.1	2.4
Services	19.9	19.7	19.6	0.2	1.0	0.3	1.5
Government	13.9	13.7	13.3	0.2	1.5	0.6	4.5
***SALEM - GLOUCESTER PMSA**							
NONAGRICULTURAL EMPLOYMENT	109.8	110.2	107.5	-0.4	-0.4	2.3	2.1
Manufacturing	21.8	21.8	22.2	0.0	****	-0.4	-1.8
Durable Goods	15.1	15.1	15.5	0.0	****	-0.4	-2.6
Nondurable Goods	6.7	6.7	6.7	0.0	****	0.0	****
Construction	4.6	4.8	4.3	-0.2	-4.2	0.3	7.0
Transportation, Communication & Public Utilities	3.6	3.6	3.4	0.0	****	0.2	5.9
Wholesale & Retail trade	32.4	32.9	32.0	-0.5	-1.5	0.4	1.3
Finance, Insurance & Real Estate	5.5	5.5	5.0	0.0	****	0.5	10.0
Services	26.0	26.0	25.2	0.0	****	0.8	3.2
Government	15.8	15.5	15.4	0.3	1.9	0.4	2.6

NOTE: By place of work, not comparable to labor force employment statistics
* - Not currently validated by the U.S. Bureau of Labor Statistics

Nonagricultural Wage and Salary Employment

AVERAGE HOURS AND EARNINGS OF PRODUCTION WORKERS BY INDUSTRY

MANUFACTURING

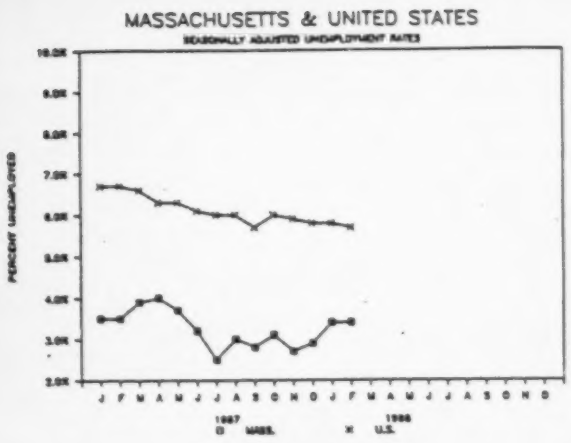
Area	Average Weekly Hours			Average Hourly Earnings		
	FEB 88	JAN 88	FEB 87	FEB 88	JAN 88	FEB 87
UNITED STATES	40.7	41.0	40.8	$10.06	$10.07	$9.84
MASSACHUSETTS	40.5	41.4	40.5	10.10	10.03	9.56
BOSTON	41.4	40.7	40.3	10.93	10.87	10.42
BROCKTON	40.1	40.3	40.0	8.36	8.36	7.87
FALL RIVER	36.8	36.2	36.2	7.52	7.51	7.44
LAWRENCE-HAVERHILL	40.7	41.2	40.8	9.83	9.46	9.81
LOWELL	42.5	42.9	43.1	9.75	10.13	10.13
NEW BEDFORD	37.6	37.6	39.0	8.66	8.54	8.08
SPRINGFIELD	42.1	42.7	42.1	9.52	9.44	9.02
WORCESTER	39.4	40.5	40.7	10.20	10.24	9.60

Nonagricultural Wage and Salary Employment

AVERAGE HOURS AND EARNINGS OF PRODUCTION WORKERS BY INDUSTRY

MASSACHUSETTS

Industry	Average Weekly Hours			Average Hourly Earnings		
	FEB 88	JAN 88	FEB 87	FEB 88	JAN 88	FEB 87
MANUFACTURING	40.5	41.4	40.5	10.10	10.03	9.56
DURABLE GOODS	41.0	42.1	41.1	10.54	10.48	10.02
LUMBER & FURNITURE	37.5	40.1	40.0	7.93	7.79	7.14
STONE, CLAY & GLASS	38.5	39.3	38.0	12.16	12.23	11.28
PRIMARY METALS	42.0	42.5	42.6	10.23	9.71	8.99
FABRICATED METALS	41.8	42.3	40.4	10.59	10.48	9.96
CUTLERY, ETC.	45.8	44.2	43.5	11.62	11.12	11.13
MACHINERY, EX. ELEC.	42.0	43.6	42.5	10.72	10.77	10.61
METALWORKING MACH.	43.8	44.8	42.4	11.24	10.99	10.79
SPECIAL INDU. MACH.	44.0	44.2	44.3	12.12	12.05	11.95
ELEC. & ELECTRON. MACH.	41.6	43.1	42.3	10.16	10.19	9.65
COMMUNICATIONS EQUIP.	42.7	43.5	44.8	10.53	10.57	10.79
ELECTRONIC COMP.	41.2	43.0	43.5	10.11	10.17	9.64
TRANSPORTATION EQUIP.	42.1	43.8	39.9	12.56	12.42	11.64
INSTRUMENTS	38.9	38.8	39.1	11.01	10.85	10.68
MEAS. & CONTROL DEVICES	45.4	44.6	42.2	8.70	8.64	8.59
MISC. MANUFAC. IND.	40.6	41.5	39.8	8.97	8.96	8.44
JEWELRY	39.2	41.0	39.8	7.75	7.71	7.26
NONDURABLE GOODS	39.8	40.3	39.4	9.45	9.34	8.77
FOOD & KINDRED PROD.	39.2	40.6	40.6	9.90	9.79	9.44
TEXTILE MILL PROD.	41.1	40.9	41.5	8.43	8.43	8.12
APPAREL	39.0	39.3	38.3	6.53	6.40	6.32
MENS & BOYS SUITS	38.2	39.2	40.2	7.14	7.19	6.96
PAPER & ALLIED PRODUCTS	44.3	45.0	42.5	10.21	10.07	9.04
PRINTING & PUBLISHING	36.9	38.0	36.7	10.42	10.13	9.91
CHEMICALS	42.8	42.6	41.6	12.03	11.88	11.34
RUBBER & PLASTIC PROD.	41.2	41.6	40.6	9.43	9.40	8.45
MISC. PLAS. PROD.	40.8	41.2	39.2	9.27	9.21	8.02
LEATHER & LEATHER PROD.	36.0	36.0	35.4	7.61	7.54	7.20
FOOTWEAR, EX. RUBBER	36.9	36.4	32.4	6.76	6.68	6.42


MASSACHUSETTS & UNITED STATES
SEASONALLY ADJUSTED UNEMPLOYMENT RATES
PERCENT UNEMPLOYED
J F M A M J J A S O N D J F M A M J J A S O N D
1987
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(continued from page 1)

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Unemployment Rate Unchanged in February

The state's unemployment rate for February 1988 remained steady at 3.4 percent, and tied with New Jersey for the lowest rate of the 11 large industrial states. On the national scene, unemployment dropped slightly to 6.2 percent.

- The Boston PMSA posted the lowest unemployment rate in the state with 3.1 percent this month.
- Other major areas experiencing low unemployment include the Worcester MSA (3.4 percent), the Lowell PMSA (3.6 percent), the Salem -Gloucester PMSA (3.6 percent), and the Springfield MSA (3.7 percent).
- The southeastern region of the state recorded the highest levels of unemployment in the state as seen in the New Bedford MSA (6.7 percent) and the Fall River PMSA (7.2 percent).

The number of unemployed in the state averaged 3.2 percent in 1987, down from the 1986 rate of 3.8 percent. Of the eleven major labor market areas, the Boston PMSA experienced the lowest unemployment rate for the year at 2.7 percent. The national unemployment rate dropped to 6.2 percent in 1987 down nearly a percent from the 1986 average rate of 7.0 percent.

Annual Average Unemployment Rate
Massachusetts and United States
1985 - 1987

	1987	1986	1985
United States	6.2	7.0	7.2
Massachusetts	3.2	3.8	3.9

The unemployment rates for the labor market areas and cities and towns that were published in the January 1988 issue of Employment Review were incorrect. We have included the correct January 1988 data in this issue.

UNEMPLOYMENT RATES
UNITED STATES AND MASSACHUSETTS
SEASONALLY ADJUSTED

(In Thousands)

	Feb 88	Jan 88	Feb 87
United States	5.7	5.8	6.6
Massachusetts	3.4	3.4	3.5
Labor Force	3,147.0	3,142.0	3,058.0
Employed	3,041.0	3,036.0	2,950.0
Unemployed	106.0	106.0	108.0

LABOR FORCE, EMPLOYMENT AND UNEMPLOYMENT
UNITED STATES, MASSACHUSETTS AND THE LABOR AREA
NOT SEASONALLY ADJUSTED

(In Thousands)

AREA	FEBRUARY 1988	JANUARY 1988	FEBRUARY 1987
UNITED STATES			
LABOR FORCE	119,942,000	119,742,000	117,967,000
EMPLOYMENT	112,460,000	112,139,000	109,464,000
UNEMPLOYMENT	7,482,000	7,603,000	8,503,000
PERCENT UNEMPLOYED	6.2	6.3	7.2
MASSACHUSETTS			
LABOR FORCE	3,101,300	3,106,700	3,010,800
EMPLOYMENT	2,984,900	2,989,000	2,893,000
UNEMPLOYMENT	116,400	117,700	117,800
PERCENT UNEMPLOYED	3.8	3.8	3.9
MAJOR LABOR AREAS			
BOSTON PMSA			
LABOR FORCE	1,546,630	1,547,660	1,502,180
EMPLOYMENT	1,499,340	1,499,930	1,455,110
UNEMPLOYMENT	47,300	47,730	47,070
PERCENT UNEMPLOYED	3.1	3.1	3.1
BROCKTON PMSA			
LABOR FORCE	97,430	96,850	94,270
EMPLOYMENT	93,450	92,760	90,260
UNEMPLOYMENT	3,970	4,090	4,010
PERCENT UNEMPLOYED	4.1	4.2	4.2
FALL RIVER PMSA			
LABOR FORCE	76,210	76,730	75,170
EMPLOYMENT	70,760	71,340	69,620
UNEMPLOYMENT	5,450	5,400	5,560
PERCENT UNEMPLOYED	7.2	7.0	7.4
FITCHBURG-LEOMINSTER MSA			
LABOR FORCE	44,950	45,250	45,490
EMPLOYMENT	42,980	43,120	43,210
UNEMPLOYMENT	1,970	2,130	2,280
PERCENT UNEMPLOYED	4.4	4.7	5.0
LAWRENCE-HAVERHILL PMSA			
LABOR FORCE	184,800	185,940	179,080
EMPLOYMENT	176,340	177,090	170,920
UNEMPLOYMENT	8,460	8,850	8,160
PERCENT UNEMPLOYED	4.6	4.8	4.6
LOWELL PMSA			
LABOR FORCE	149,010	148,640	146,450
EMPLOYMENT	143,680	142,800	140,520
UNEMPLOYMENT	5,320	5,840	5,930
PERCENT UNEMPLOYED	3.6	3.9	4.0
NEW BEDFORD MSA			
LABOR FORCE	83,830	84,590	83,750
EMPLOYMENT	78,220	79,010	77,700
UNEMPLOYMENT	5,610	5,590	6,050
PERCENT UNEMPLOYED	6.7	6.6	7.2

NOTE: By place of residence, not comparable to nonagricultural wage and salary employment.

LABOR FORCE, EMPLOYMENT AND UNEMPLOYMENT
UNITED STATES, MASSACHUSETTS AND THE LABOR AREA
NOT SEASONALLY ADJUSTED

(In Thousands)

AREA	FEBRUARY 1988	JANUARY 1988	FEBRUARY 1987
PITTSFIELD MSA			
LABOR FORCE	40,420	40,770	39,090
EMPLOYMENT	38,330	38,720	37,350
UNEMPLOYMENT	2,080	2,050	1,740
PERCENT UNEMPLOYED	5.2	5.0	4.5
SALEM-GLOUCESTER PMSA			
LABOR FORCE	149,810	151,320	146,470
EMPLOYMENT	144,450	146,030	140,890
UNEMPLOYMENT	5,360	5,290	5,580
PERCENT UNEMPLOYED	3.6	3.5	3.8
SPRINGFIELD MSA			
LABOR FORCE	254,340	255,940	246,170
EMPLOYMENT	244,830	246,300	235,970
UNEMPLOYMENT	9,510	9,640	10,210
PERCENT UNEMPLOYED	3.7	3.8	4.1
WORCESTER MSA			
LABOR FORCE	218,900	218,790	208,420
EMPLOYMENT	211,350	211,200	201,080
UNEMPLOYMENT	7,550	7,590	7,350
PERCENT UNEMPLOYED	3.4	3.5	3.5
OTHER LABOR AREAS			
AMHERST LMA			
LABOR FORCE	30,320	29,820	29,390
EMPLOYMENT	29,330	28,830	28,480
UNEMPLOYMENT	1,000	980	900
PERCENT UNEMPLOYED	3.3	3.3	3.1
ATHOL LMA			
LABOR FORCE	10,140	10,040	9,920
EMPLOYMENT	9,500	9,380	9,300
UNEMPLOYMENT	640	660	620
PERCENT UNEMPLOYED	6.4	6.6	6.3
ATTLEBORO LMA			
LABOR FORCE	49,290	48,350	47,100
EMPLOYMENT	46,320	45,520	44,260
UNEMPLOYMENT	2,970	2,830	2,840
PERCENT UNEMPLOYED	6.0	5.9	6.0
BARNSTABLE LMA			
LABOR FORCE	91,130	91,760	89,490
EMPLOYMENT	85,000	85,830	83,880
UNEMPLOYMENT	6,130	5,930	5,610
PERCENT UNEMPLOYED	6.7	6.5	6.3
DUKES COUNTY LMA			
LABOR FORCE	5,620	5,730	5,150
EMPLOYMENT	5,310	5,410	4,820
UNEMPLOYMENT	310	330	330
PERCENT UNEMPLOYED	5.5	5.7	6.4

NOTE: By place of residence, not comparable to nonagricultural wage and salary employment.

LABOR FORCE, EMPLOYMENT AND UNEMPLOYMENT
UNITED STATES, MASSACHUSETTS AND THE LABOR AREA
NOT SEASONALLY ADJUSTED

(In Thousands)

AREA	FEBRUARY 1988	JANUARY 1988	FEBRUARY 1987
GARDNER LMA			
LABOR FORCE	14,920	15,030	14,460
EMPLOYMENT	14,170	14,190	13,520
UNEMPLOYMENT	750	840	950
PERCENT UNEMPLOYED	5.0	5.6	6.5
GREAT BARRINGTON LMA			
LABOR FORCE	9,220	9,320	8,85[illegible]
EMPLOYMENT	8,880	8,990	8,550
UNEMPLOYMENT	330	330	300
PERCENT UNEMPLOYED	3.6	3.5	3.4
GREENFIELD LMA			
LABOR FORCE	26,490	26,720	24,400
EMPLOYMENT	25,520	25,720	23,450
UNEMPLOYMENT	980	1,000	940
PERCENT UNEMPLOYED	3.7	3.7	3.9
NANTUCKET LMA			
LABOR FORCE	3,730	3,790	3,750
EMPLOYMENT	3,610	3,660	3,620
UNEMPLOYMENT	120	130	130
PERCENT UNEMPLOYED	3.2	3.5	3.4
NORTH ADAMS LMA			
LABOR FORCE	20,570	20,280	19,660
EMPLOYMENT	19,510	19,260	18,490
UNEMPLOYMENT	1,060	1,020	1,170
PERCENT UNEMPLOYED	5.2	5.0	5.9
SOUTHBRIDGE LMA			
LABOR FORCE	13,650	13,610	13,460
EMPLOYMENT	12,930	12,900	12,780
UNEMPLOYMENT	710	710	680
PERCENT UNEMPLOYED	5.2	5.2	5.1
TAUNTON LMA			
LABOR FORCE	27,210	27,780	24,810
EMPLOYMENT	25,870	26,200	23,380
UNEMPLOYMENT	1,340	1,590	1,430
PERCENT UNEMPLOYED	4.9	5.7	5.8
WARE LMA			
LABOR FORCE	8,370	8,320	8,050
EMPLOYMENT	7,880	7,850	7,650
UNEMPLOYMENT	500	460	390
PERCENT UNEMPLOYED	5.9	5.6	4.9
BALANCE of WESTERN MASS EA			
LABOR FORCE	8,960	9,070	8,590
EMPLOYMENT	8,550	8,630	8,210
UNEMPLOYMENT	410	440	390
PERCENT UNEMPLOYED	4.6	4.8	4.5

NOTE: By place of residence, not comparable to nonagricultural wage and salary employment.